

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of depositing a layer comprising:
forming a first function region comprising a first organic compound on an electrode during ~~irradiating a light~~ irradiation with light in a deposition chamber;
forming a mixed region comprising the first organic compound and a second organic compound on the first function region during ~~irradiating the light~~ irradiation with light in the deposition chamber; and
forming a second function region comprising the second organic compound on the mixed region during ~~irradiating the light~~ irradiation with light in the deposition chamber.
2. (Currently Amended) A method of depositing a layer according to claim 1, wherein a direction of ~~irradiating the light~~ irradiation with light is the same as a direction of evaporating of the first organic compound and the second organic compound.
3. (Original) A method of depositing a layer according to claim 1, wherein an evaporation source from which the first organic compound is evaporated is differ from a evaporation source from which the second organic compound is evaporated.
4. (Original) A method of depositing a layer according to claim 1, wherein the first organic compound is evaporated from a first evaporation source and the second organic compound is evaporated from a second evaporation source.

5. (Original) A method of depositing a layer according to claim 4, wherein the first evaporation source and the second evaporation source are each provided in plurality.

6. (Original) A method of depositing a layer according to claim 4, wherein the first organic compound and the second organic compound are continuously deposited as continuously operating the first evaporation source and the second evaporation source.

7. (Original) A method of depositing a layer according to claim 4, wherein the mixed region is formed as simultaneously operating the first evaporation source and the second evaporation source.

8. (Original) A method of depositing a layer according to claim 1, wherein the light is irradiated from a light source, the light source and the evaporation source are on a same plane.

9. (Original) A method of depositing a layer according to claim 1, wherein the light uses an ultraviolet ray.

10. (Original) A method of depositing a layer according to claim 1, wherein the light has a wavelength of 100 to 200 nm.

11. (Original) A method of depositing a layer according to claim 8, wherein the light source is a low-pressure mercury lamp.

12. (Withdrawn) A deposition apparatus comprising:
a load chamber;
an alignment chamber;
a first deposition chamber for forming an organic compound layer on a first electrode, provided with a first evaporation source, a second evaporation source and a light source;

a cleaning preliminary chamber;

a second deposition chamber for forming a second electrode; and

a sealing chamber;

wherein said first evaporation source comprises a first organic compound and said second evaporation source comprises a second organic compound;

wherein a light from said light source is irradiated during depositing said first organic compound or said second organic compound by vacuum evaporation.

13. (Withdrawn) A deposition apparatus according to claim 12, wherein the apparatus is provided with a means that said first evaporation source and said second evaporation source are continuously operated.

14. (Withdrawn) A deposition apparatus according to claim 12, wherein the apparatus is provided with a means that said first evaporation source and said second evaporation source are simultaneously operated.

15. (Withdrawn) A deposition apparatus according to claim 12, the apparatus is provided with a means that said light source and said evaporation source are simultaneously operated.

16. (Withdrawn) A deposition apparatus according to claim 12, wherein a light irradiated from said light source is an ultraviolet ray.

17. (Withdrawn) A deposition apparatus according to claim 12, wherein said light source is a low-pressure mercury lamp.

18. (Withdrawn) A deposition apparatus according to claim 12, wherein a light irradiated from said light source has a wavelength of 100 to 200 nm.

19. (Currently Amended) A method of depositing a layer comprising:
forming a first function region comprising a first organic compound evaporated from a first evaporation source over an electrode in a deposition chamber during irradiating irradiation with light;

forming a mixed region comprising the first organic compound evaporated from the first evaporation source and a second organic compound evaporated from a second evaporation source on the first function region in the deposition chamber during irradiating irradiation with light;

forming a second function region comprising the second organic compound evaporated from the second evaporation source but not from the first evaporation source on the mixed region in the deposition chamber during irradiating irradiation with light.

20. (Currently Amended) A method of depositing a layer in a deposition apparatus, the deposition apparatus comprising:

a load chamber;
an alignment chamber;
a first deposition chamber for forming an organic compound layer on a first electrode, prepared with a first and a second evaporation sources and a light source;
a cleaning preliminary chamber;
a second deposition chamber for forming a second electrode;
a sealing chamber;
a first evaporation source comprising a first organic compound; and
a second evaporation source comprising a second organic compound;

the method comprising:

forming a first function region comprising the first organic compound evaporated from the first evaporation source over the first electrode in the first deposition chamber during irradiating irradiation with light from the light source;

forming a mixed region comprising the first organic compound evaporated from the first evaporation source and the second organic compound evaporated from the second evaporation source on the first function region in the first deposition chamber during irradiating irradiation with light from the light source;

forming a second function region comprising the second organic compound evaporated from the second evaporation source but not from the first evaporation source on the mixed region in the first deposition chamber during irradiating irradiation with light from the light source.

21. (Currently Amended) A method of depositing a layer comprising the step of forming an organic compound layer over an electrode in a deposition chamber during irradiating a light irradiation with light from a light source,

wherein the organic compound layer includes organic compound molecules; and
wherein light is irradiated to the organic compound layer so as to activate the organic
compound molecules and promote compact film formation.

22. (Withdrawn) A deposition apparatus comprising:
a load chamber;
an alignment chamber;
a first deposition chamber for forming an organic compound layer on a first electrode, comprising a first evaporation source, a second evaporation source and a light source;
a cleaning preparatory chamber;
a second deposition chamber for forming a second electrode; and
a sealing chamber;
wherein a light from said light source is irradiated during depositing an organic compound layer by vacuum evaporation.

23. (New) A method of depositing a layer comprising the step of forming an organic compound layer over an electrode in a deposition chamber during irradiation with light from a light source,

wherein the organic compound layer includes organic compound molecules;

wherein light is irradiated to the organic compound layer so as to activate the organic compound molecules and promote compact film formation; and

wherein light has a wavelength of 100 nm to 200 nm.